

BEST AVAILABLE COPY

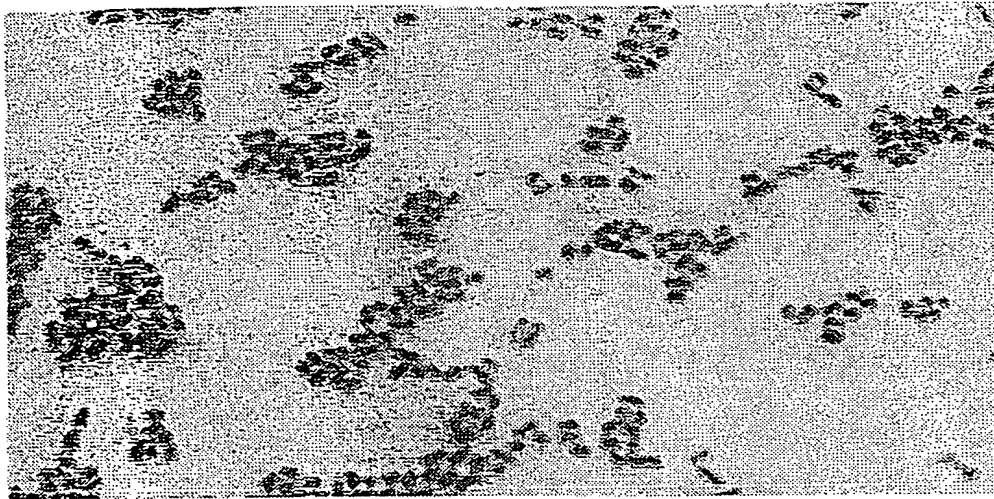


Figure 1

Figure 3

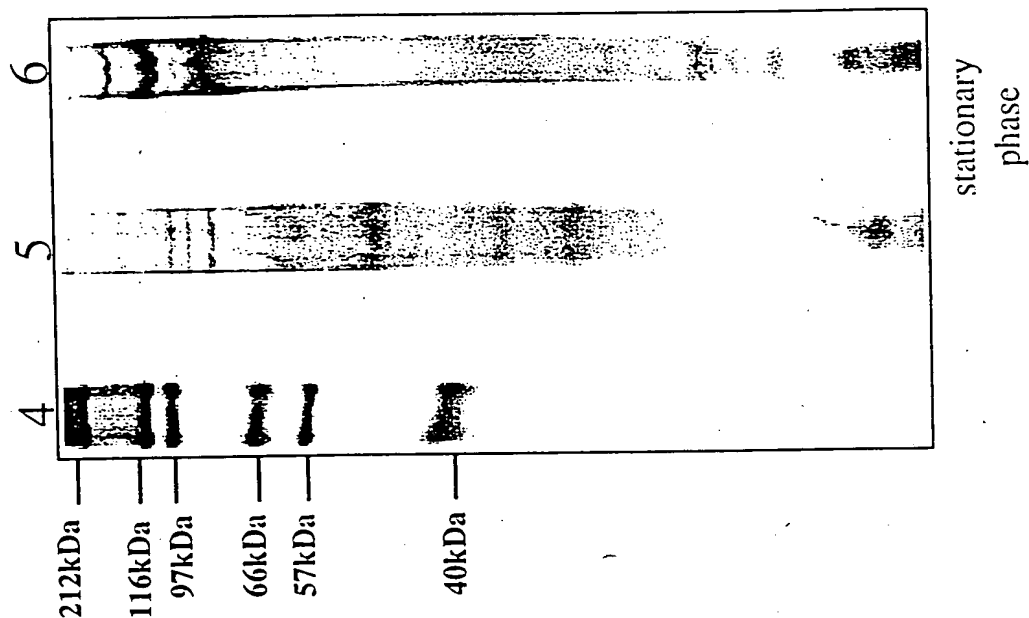
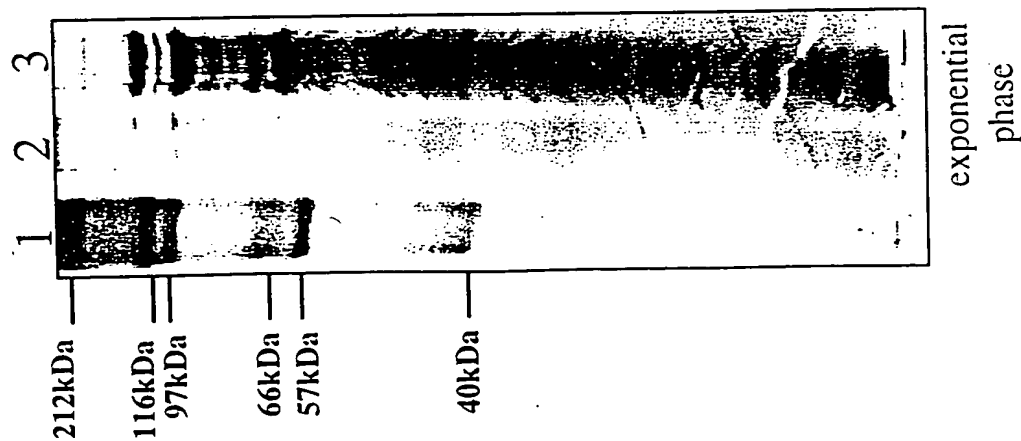


Figure 2



Lanes 1 & 4: M.W. stds.

Lanes 2 & 5: UTD-001

Lanes 3 & 6: *B. indicia* 9038

RT	Area	Ar/Ht	Respn	ECL	Name	%	Comment 1	Comment 2
1.681	412383000	0.030	.....	7.006	SOLVENT PEAK	....	< min rt	
1.794	16776	0.024	.....	7.227	.....	....	< min rt	
2.241	750	0.044	.....	8.104	.....	....	< min rt	
2.300	1326	0.044	.....	8.219	.....	....	< min rt	
2.347	504	0.032	.....	8.312	.....	....	< min rt	
3.849	1128	0.028	1.102	10.916	Sum In Feature 3	0.15	ECL deviates 0.002	12:0 ALDE ?
4.833	25458	0.031	1.052	12.000	12:0	3.34	ECL deviates - 0.000	Reference - 0.004
5.989	4578	0.038	1.015	13.000	13:0	0.58	ECL deviates 0.000	Reference - 0.003
7.102	1032	0.043	.....	13.813	.....	....
7.296	4584	0.050	0.986	13.954	unknown 13.961	0.56	ECL deviates - 0.007	
7.358	54882	0.039	0.985	13.999	14:0	6.74	ECL deviates - 0.001	Reference - 0.004
8.080	4134	0.040	0.974	14.469	Sum In Feature 2	0.50	ECL deviates - 0.001	13:0 30H/15:1 i I/H
8.130	4284	0.039	0.973	14.501	unknown 14.503	0.52	ECL deviates - 0.002	
8.576	810	0.038	0.967	14.791	15:1 w8c	0.10	ECL deviates - 0.001	
8.897	32478	0.041	0.963	15.000	15:0	3.90	ECL deviates - 0.000	Reference - 0.004
9.189	1974	0.043	.....	15.176	.....	....
9.704	58386	0.044	0.955	15.485	Sum In Feature 3	6.95	ECL deviates 0.003	16:1 ISO I/14:0 30H
10.259	183384	0.044	0.950	15.819	Sum In Feature 4	21.7	ECL deviates 0.002	16:1 w7c/15 iso 20H
10.407	1512	0.043	0.948	15.908	15:1 w5c	8.18	ECL deviates 0.000	
10.562	212406	0.044	0.947	16.002	16:0	25.0	ECL deviates 0.002	Reference - 0.002
10.715	1074	0.064	.....	16.091	.....	....
11.425	1188	0.041	0.941	16.502	15:0 30H	0.14	ECL deviates - 0.002	
11.924	3132	0.051	0.938	16.792	17:1 w8c	0.37	ECL deviates - 0.000	
12.091	87876	0.048	0.937	16.889	17:0 CYCLO	10.2	ECL deviates 0.001	Reference - 0.003
12.282	14676	0.046	0.936	17.000	17:0	1.71	ECL deviates - 0.000	Reference - 0.004
13.598	996	0.050	.....	17.750	.....	....
13.725	146304	0.048	0.929	17.822	Sum In Feature 7	16.9	ECL deviates 0.000	18:1 w7c/w9t/w12t
14.032	1122	0.044	0.928	17.997	18:0	0.13	ECL deviates - 0.003	Reference - 0.007
14.797	1242	0.057	.....	18.437	.....	....
14.986	822	0.053	.....	18.546	.....	....
15.605	1446	0.048	0.923	18.901	19:0 CLYCL w8c	0.17	ECL deviates 0.001	Reference - 0.003
15.888	480	0.045	.....	19.065	.....	....
19.033	690	0.042	.....	20.888	.....	....	> max rt	
19.715	90	0.033	.....	21.284	.....	....	> max rt	
*****	4134	.....	.....	.....	SUMMED FEATURE 2	0.50	15:1 ISO H/13:0 30H	13:0 30H/15:1 i I/H
*****	.....	.....	.....	.....	.....	....	15:1 ISO I/13:0 30H	
*****	59514	.....	.....	.....	SUMMED FEATURE 3	7.10	12:0 ALDE ?	unknown 10.928
*****	.....	.....	.....	.....	.....	....	16:1 ISO I/14:0 30H	14:0 30H/16:1 ISO I
*****	183384	.....	.....	.....	SUMMED FEATURE 4	21.7	16:1 w7c/15 iso 20H	15:0 ISO 20H/16:1w7c
*****	146304	.....	.....	.....	SUMMED FEATURE 7	16.9	18:1 w7c/w9t/w12t	18:1 w9c/w12t/w7c
*****	.....	.....	.....	.....	.....	....	18:1 w12t/w9t/w7c	

Solvent Ar	Total Area	Named Area	% Named	Total Amount	Nbr	ECL Deviation	Ref ECL Shift
41238300	851388	843768	99.10	802384	9	0.002	0.004

TSBA [Rev. 3.90] K.luyvera	0.835
K. cryocrescens	0.835
K. ascorbata	0.528
Enterobacter	0.753
E. taylorae	0.753
E. asburiae*	0.510
E. cloacae*	0.397 (excludes ATCC 35549 which is atypical)
Salmonella	0.521
S. choleraesuis	0.521
S. c. arizonae	0.521
S. c. choleraesuis	0.421
S. bongori	0.275
S. typhimurium	0.267
S. t. GC subgroup B	0.267
S. t. GC subgroup A	0.182

Figure 4

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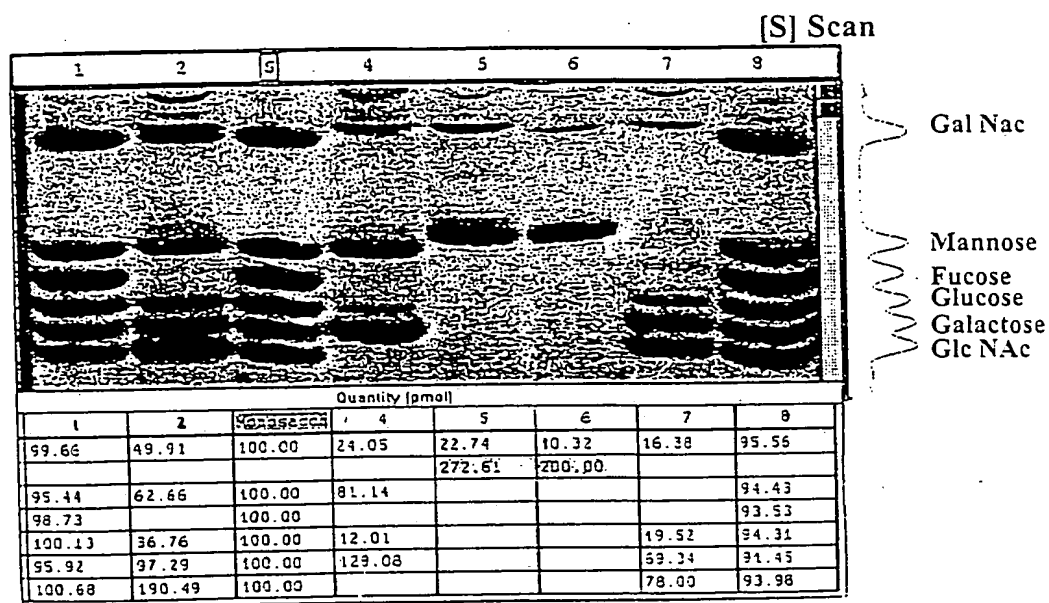


Figure 5

Method: LDE 1000
 Mode: Linear
 Accelerating Voltage: 25000
 Grid Voltage: 92.000 %
 Guide Wire Voltage: 0.100 %
 Delay: 100 ON
 Sample: 68
 Savitsky-Golay Order =
 2 Points = 19
 Laser: 2070
 Pressure: 2.81e-07
 Low Mass Gate: 500.0
 Timed Ion Selector: 938.0 OFF
 Negative Ions: OFF
 Collected: 8/24/98 2:21 PM

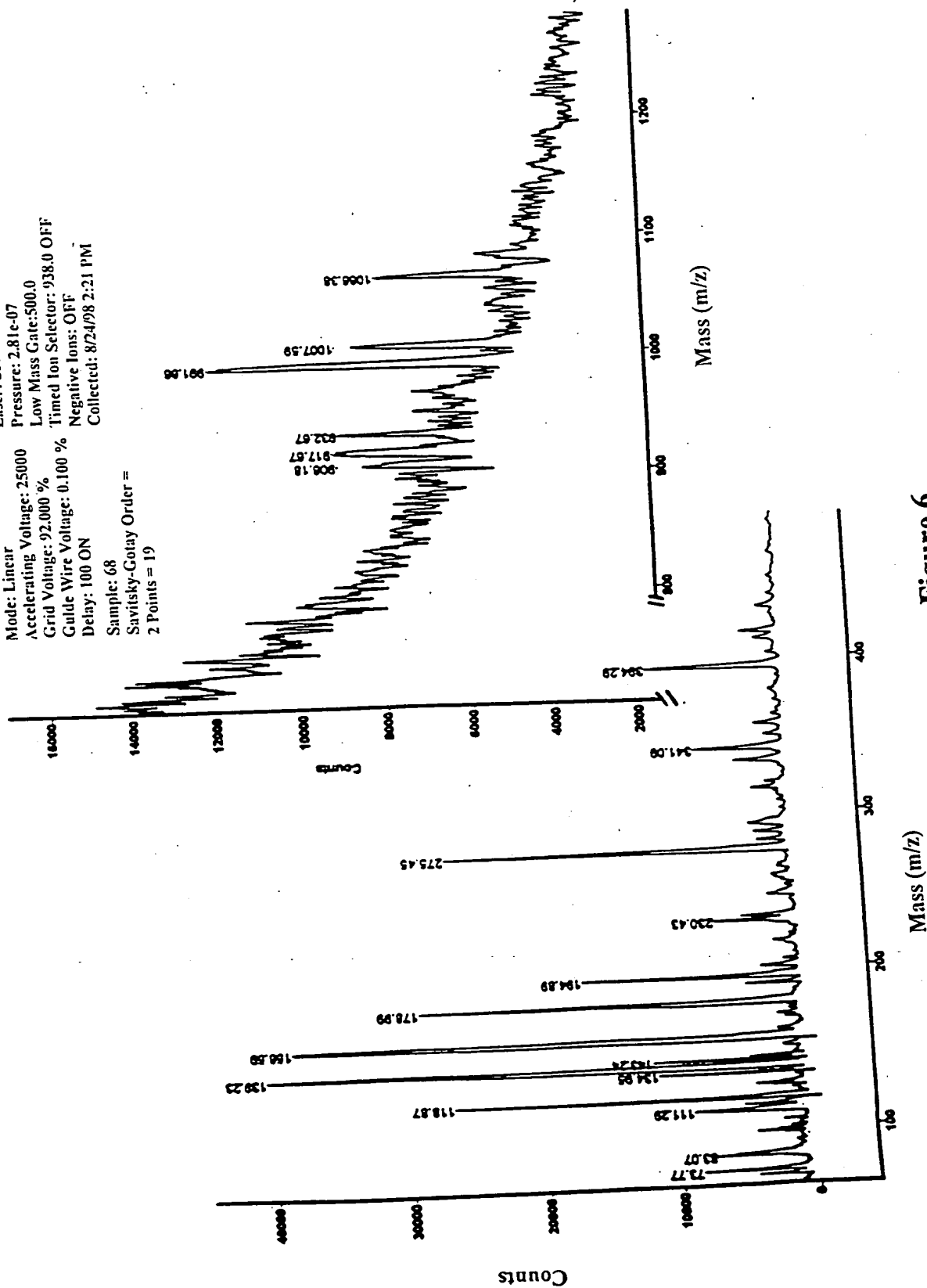


Figure 6

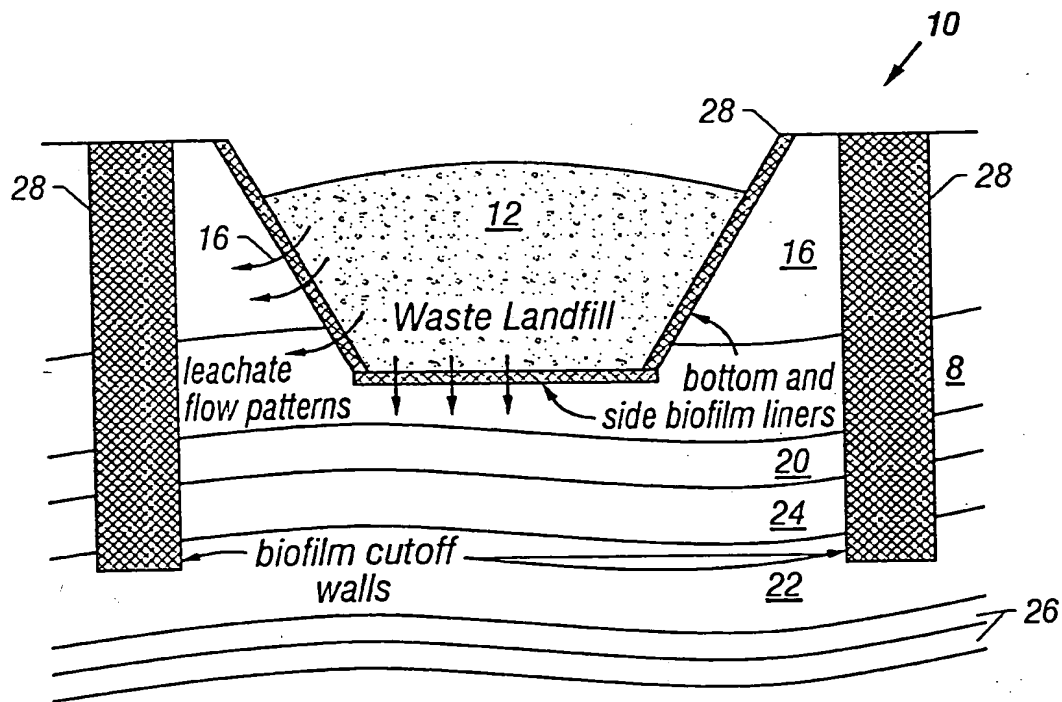


Figure 7

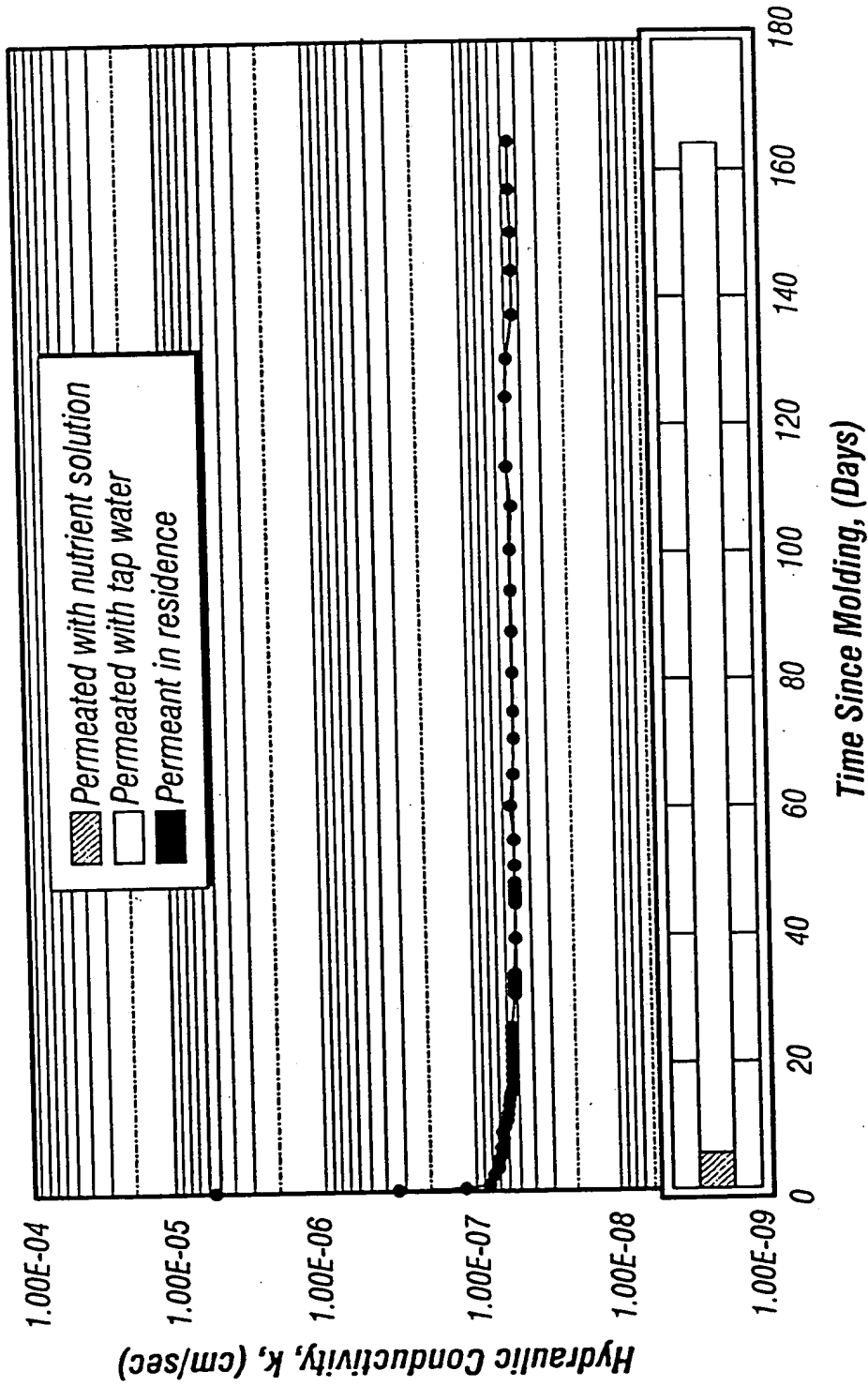


Figure 8